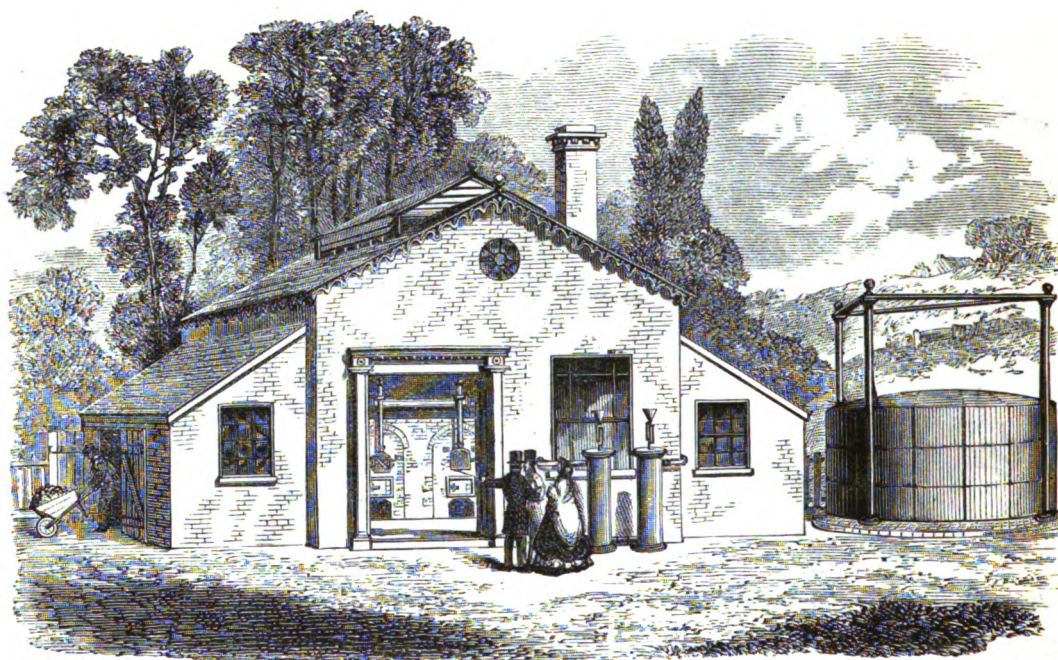


PRIVATE GAS WORKS

FOR COUNTRY MANSIONS.



The Woodcut above represents the general appearance of Buildings and Apparatus designed by Messrs. STRODE AND CO. for the manufacture and supply of Coal Gas. A great number of these Works have been for years in operation, supplying Gas of high illuminating power and perfect purity at the Mansions of Noblemen and Gentlemen in all parts of the United Kingdom. These Works, although identical in their several parts with the Coal Gas Works erected for the supply of towns, require some special arrangement for private lighting, and Messrs. STRODE AND CO. have for years made this their special study, and they are prepared, at a short notice, to inspect and advise as to the suitable site for and proper arrangement of such Works in any part of the Kingdom, and will furnish Plans and Estimates for apparatus, pipes and fittings, without charge. They will also give an approximate Estimate if merely informed by letter as to the locality and number of lights that will probably be required.

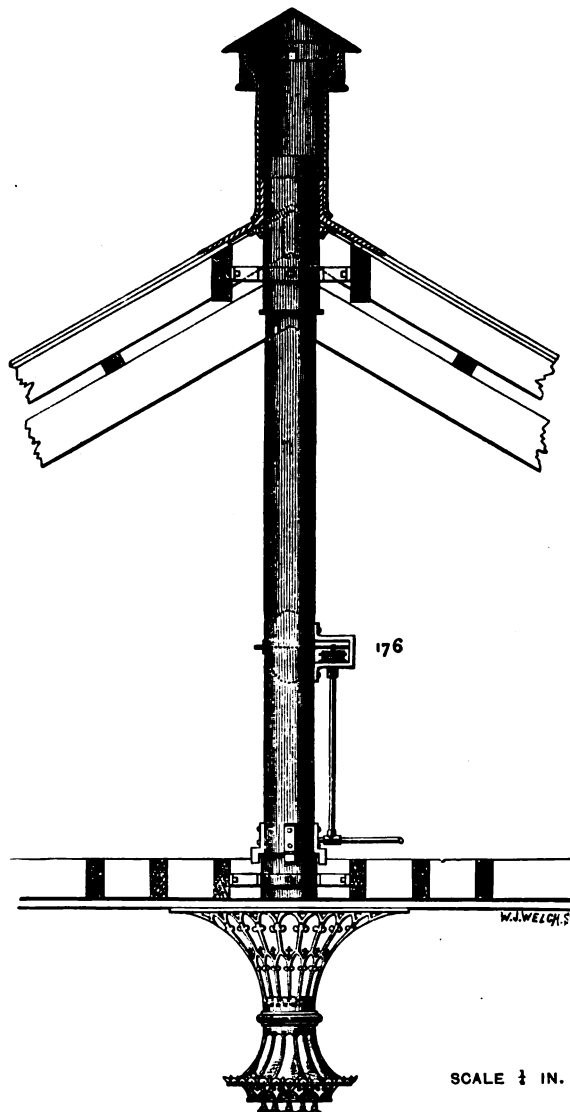
STRODE & CO.,

GAS FITTERS, ENGINEERS, AND CONTRACTORS,

MANUFACTORY, 19, OSNABURGH STREET, REGENT'S PARK, N.W.

SHOW ROOMS, 67, ST. PAUL'S CHURCHYARD, AND 32, COCKSPUR STREET, S.W.,
LONDON.

PATENT VENTILATING SUN BURNERS.

SCALE $\frac{1}{2}$ IN. TO A FOOT.

This Plate shows the usual method of arranging and fixing a Sun Burner in a Church, Hall, or any large room which has no other apartment over it, and when consequently the Ventilating Tube or Shaft can be made to pass directly through the roof into the open air.

No. 176 indicates the Self-acting Valve, necessary in this case for preventing a down draught of cold air when the Sun Burner is not lighted.

N.B.—In sending orders for Sun Burners it is necessary to give the size of the place to be lighted, with Plan and Section of roof and ceiling; or in case of rooms over, a Plan showing construction of floor and ceiling, and position of any flue that could be made available.

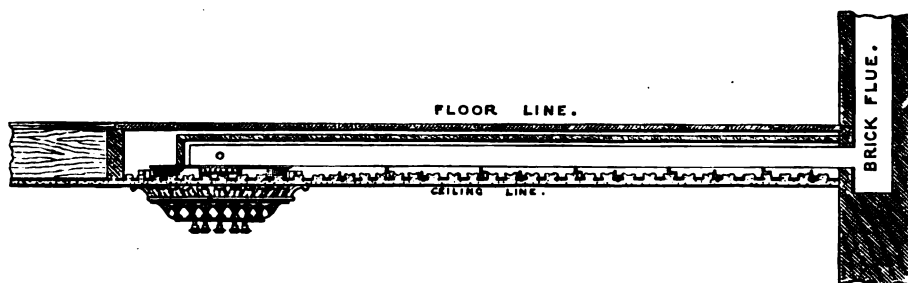
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LONDON.

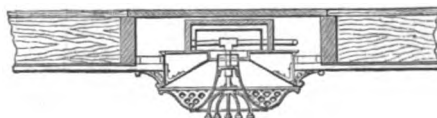
STRODE AND CO.'S PATENT VENTILATING SUN BURNERS.



LONGITUDINAL SECTION, SHOWING SUN-BURNER AND HORIZONTAL FLUE.



PLAN OF SUN BURNER.



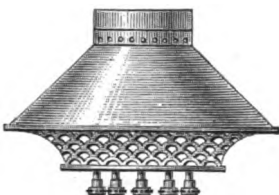
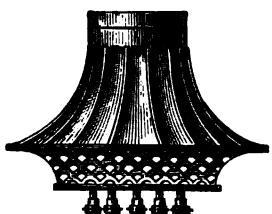
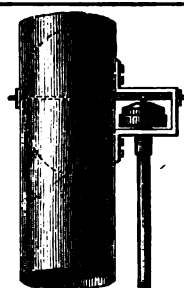
SECTION OF SUN BURNER.

SCALE $\frac{1}{4}$ IN. TO A FOOT.

The above Sections and Plan show the method of fixing Sun Burners, constructing Horizontal Flues for Ventilation, and conducting them into a Vertical Chimney, in cases wherein the existence of rooms over those requiring to be lighted prevent flue pipes from being carried direct to the external air.

STRODE & CO.,
 GAS FITTERS, ENGINEERS, AND CONTRACTORS,
 MANUFACTORY, 19, OSNABURGH STREET, REGENT'S PARK, N.W.
 SHOW ROOMS, 67, ST. PAUL'S CHURCHYARD, AND 32, COCKSPUR STREET, S.W.,
 LONDON.

*List of Prices of Strode and Co's Patent Sun Burners
and Self-Acting Valves.*

JETS.	Extreme Diameter of Sun Burner.	Diameter of Flue Pipe.	 No. 163.			 No. 162.			 Valve with Mercury.		
	inches.	inches.	£	s.	d.	£	s.	d.	£	s.	d.
9	15	5	5	10	0	6	0	0	5	4	0
12	17	6	6	0	0	7	0	0	5	4	0
15	20	7	6	10	0	8	0	0	5	8	0
20	24	8	8	10	0	10	0	0	5	8	0
27	29	10	10	10	0	12	10	0	5	12	0
35	31	10	11	0	0	13	0	0	5	12	0
42	31	10	11	10	0	13	10	0	5	12	0
48	32	12	12	10	0	15	0	0	6	4	0
56	32	12	13	0	0	15	10	0	6	4	0
63	34	12	13	10	0	16	0	0	6	4	0
81	42	14	18	0	0	21	0	0	7	10	0
104	44	15	21	0	0	26	0	0	7	10	0
117	46	16	24	0	0	30	0	0	7	10	0
153	48	18	28	0	0	36	0	0	10	4	0
171	50	18	30	0	0	40	0	0	10	4	0
225	66	22	40	0	0	50	0	0	13	0	0

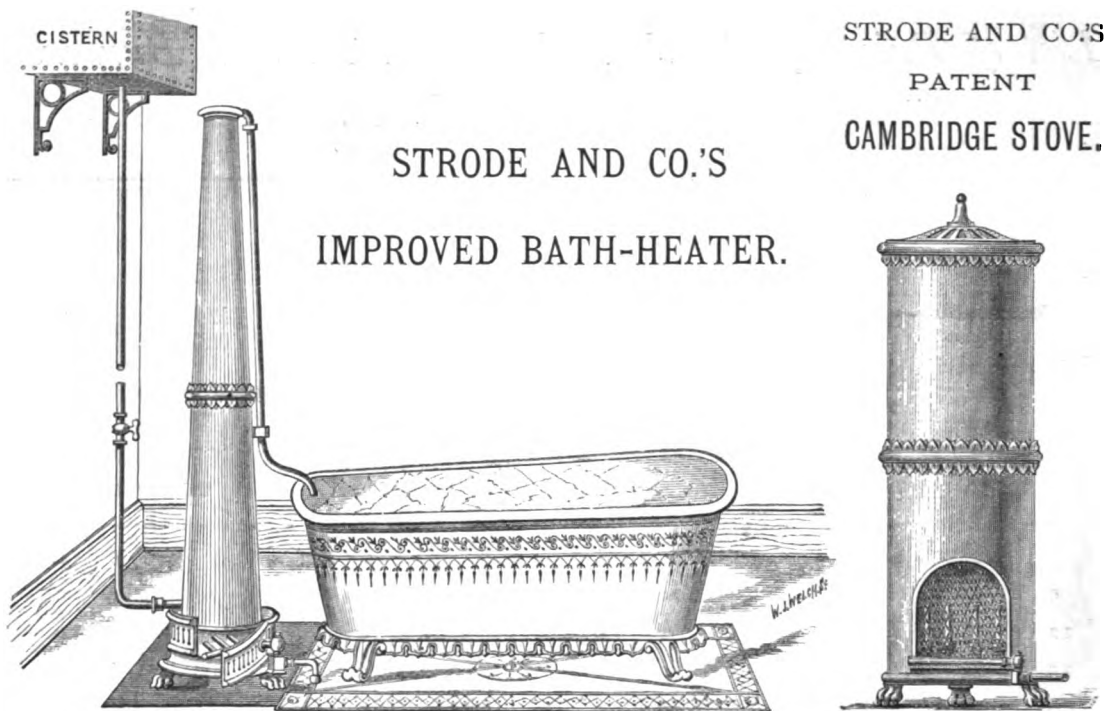
THE ABOVE PRICES ARE EXCLUSIVE OF FLUE PIPES, WIND GUARDS, AND FIXINGS.

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MANUFACTORY, 19, OSNABURGH STREET, REGENT'S PARK, N.W.

SHOW ROOMS, 67, ST. PAUL'S CHURCHYARD, AND 32, COCKSPUR STREET, S.W.,
LONDON.



This **Bath and Heater** can be placed for use in any room to which a supply of cold water can be conducted; any existing cistern, as long as it is at a higher level than the top of the Heater, can be made available. The only other requisites are a gas pipe for the supply of the burner, and a waste pipe for emptying the Bath. The advantages of this system are portability, simplicity, and cleanliness. The water runs through the Heater without coming in contact with the products of the combustion of the gas, and any required quantity of pure hot water can be obtained, from a single quart (boiling) in a few minutes, to a bathful (110°) in half an hour.

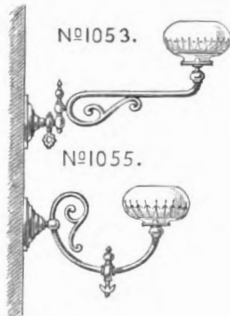
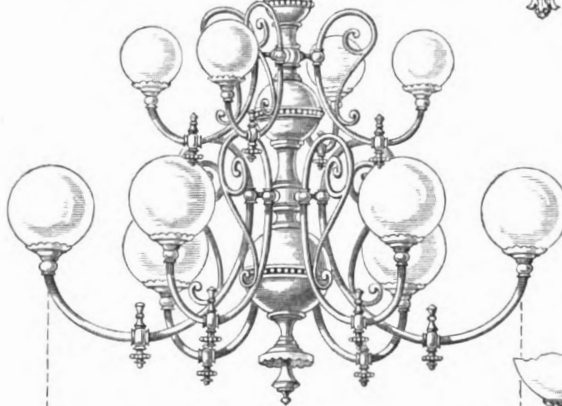
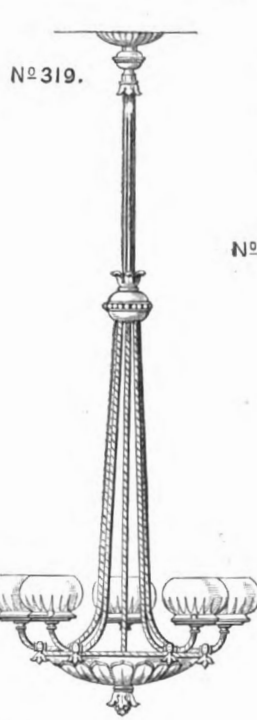
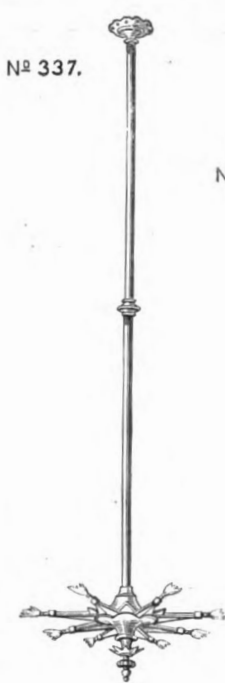
The **Cambridge Gas Stove** is constructed with an inner cylinder concentric to the outer one, with an annular chamber between, in which the gas is burned, the hot products of combustion being made to pass through the entire length of this chamber. The inner cylinder is fitted with numerous layers of wire gauge, through which a current of air (taken from the outside of the building if preferred) passes, becoming thoroughly heated before issuing from the top into the room. Owing to the large surface of heated iron and wire gauge traversed by the air, and the consequent complete abstraction of the heat generated by the gas, this Stove is more economical than any other, and the products of combustion being completely removed, whilst fresh warm air is continually brought in, a pure atmosphere can always be maintained in the room.

STRODE & CO.,

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LONDON.



SCALE $\frac{3}{4}$ INCH TO A FOOT.

STRODE & CO GAS ENGINEERS 19 OSNABURGH ST. LONDON. N.W.